

C3D10170H Information


For Reference Only

Part Number [C3D10170H](#)
Manufacturer Cree/Wolfspeed
Category Discrete Semiconductor Products
 [Diodes - Rectifiers - Single](#)
Description DIODE SCHOTTKY 1.7KV 14.4A TO247
Package TO-247-2
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


C3D10170H Specifications

Manufacturer Part Number	C3D10170H
Manufacturer	Cree/Wolfspeed
Category	Discrete Semiconductor Products Diodes - Rectifiers - Single
Package	TO-247-2
Series	Z-Rec?
Diode Type	Silicon Carbide Schottky
Voltage - DC Reverse (Vr) (Max)	1700V
Current - Average Rectified (Io)	14.4A (DC)
Voltage - Forward (Vf) (Max) @ If	2V @ 10A
Speed	No Recovery Time > 500mA (Io)
Reverse Recovery Time (trr)	0ns
Current - Reverse Leakage @ Vr	60µA @ 1700V
Capacitance @ Vr, F	827pF @ 0V, 1MHz
Mounting Type	Through Hole
Package / Case	TO-247-2
Supplier Device Package	TO-247-2
Operating Temperature - Junction	-55°C ~ 175°C

[Report errors?](#)

C3D10170H Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

C3D10170H Payment Methods



C3D10170H Shipping Methods



If you have any question about C3D10170H, please do not hesitate to contact us!

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